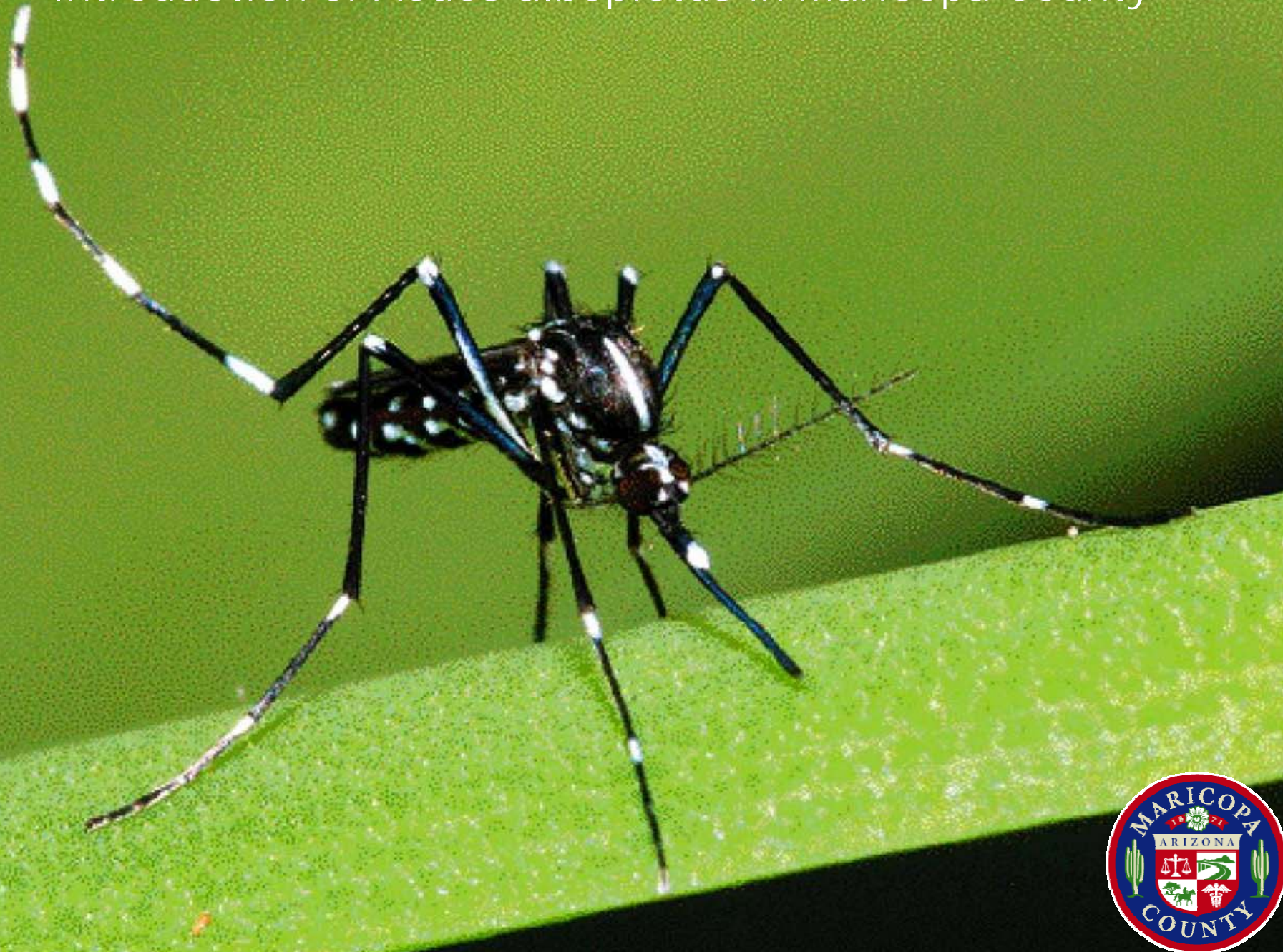


Introduction of *Aedes albopictus* in Maricopa County



October 19th, 2006 received a complaint of mosquitoes inside a Maricopa County Justice Court in Chandler.

Inspector found a plant in the clerks office with mosquito larvae.

Took larvae to office and put them in a rearing chamber. Several days later adult *Aedes albopictus* emerged.

Confiscated plant and notified USDA – APHIS.

Order several more plants from the internet distributor to see if all the lava rocks had *Aedes albopictus* eggs present.

Only the original specimen has had eggs hatch, so far about 50 *Aedes albopictus*.



Hawaii & outside W. hemisphere

N. & S. America

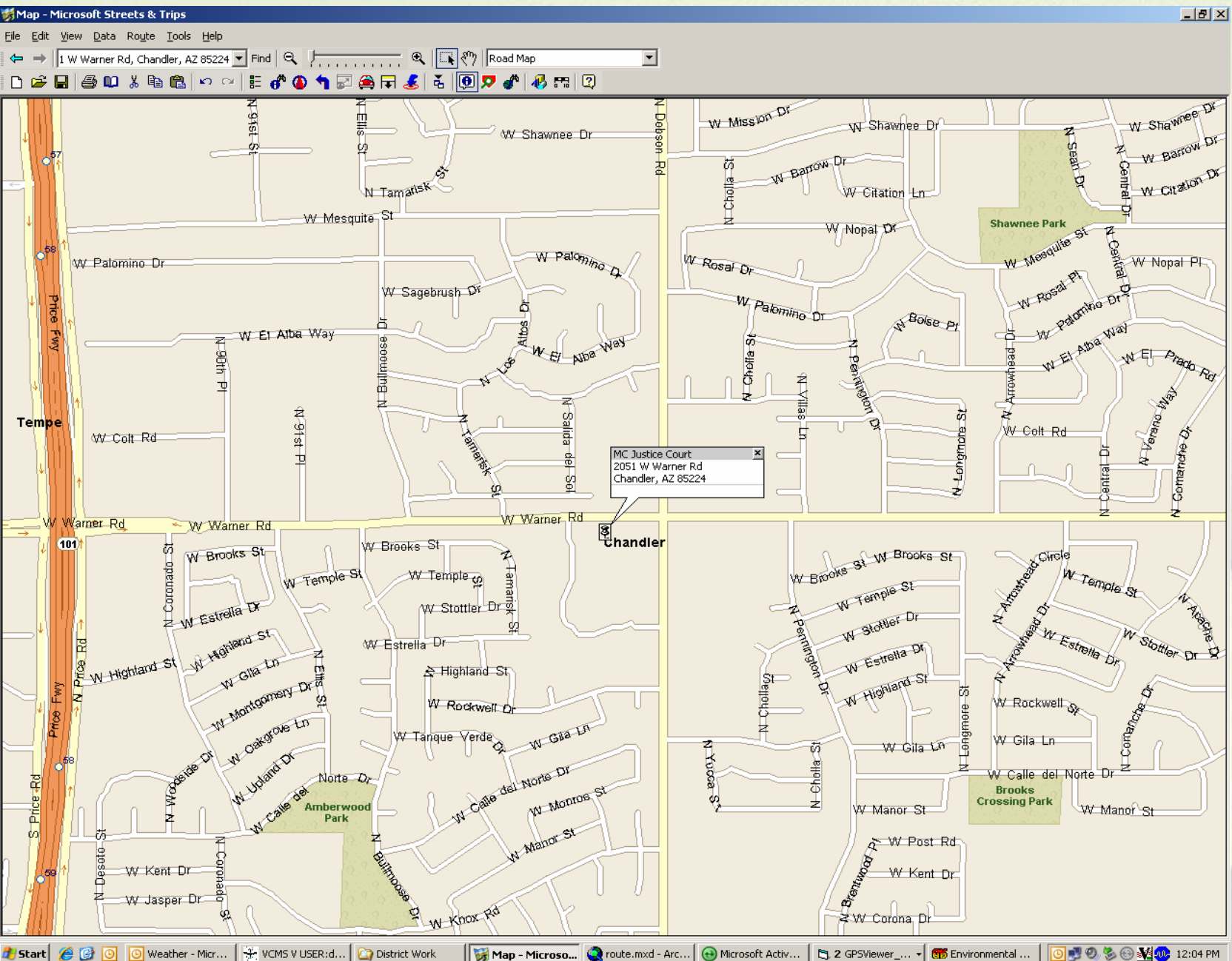
Viruses	Infect.	Trans.	Infect.	Trans.
Chikungunya	+	+	+	+
Dengue 1, 2, 3, 4	+	+	+	+
Eastern equine encephalitis	+	+	+	+
Jamestown Canyon			+	+
Japanese encephalitis	+	+		
Keystone			+	-
La Crosse			+	+
Mayaro			+	+
Nodamura	+	?		
Oropouche			+	-
Orungo	+	+		
Potosi			+	+
Rift Valley fever			+	+
Ross River	+	+	+	+
San Angelo	+	+		
Sindbis			+	+
St. Louis encephalitis	+	+		
Trivittatus			+	-
West Nile	+	+		
Western equine encephalitis	+	+	+	+
Venezuelan equine encephalitis			+	+
Yellow fever	+	+	+	+

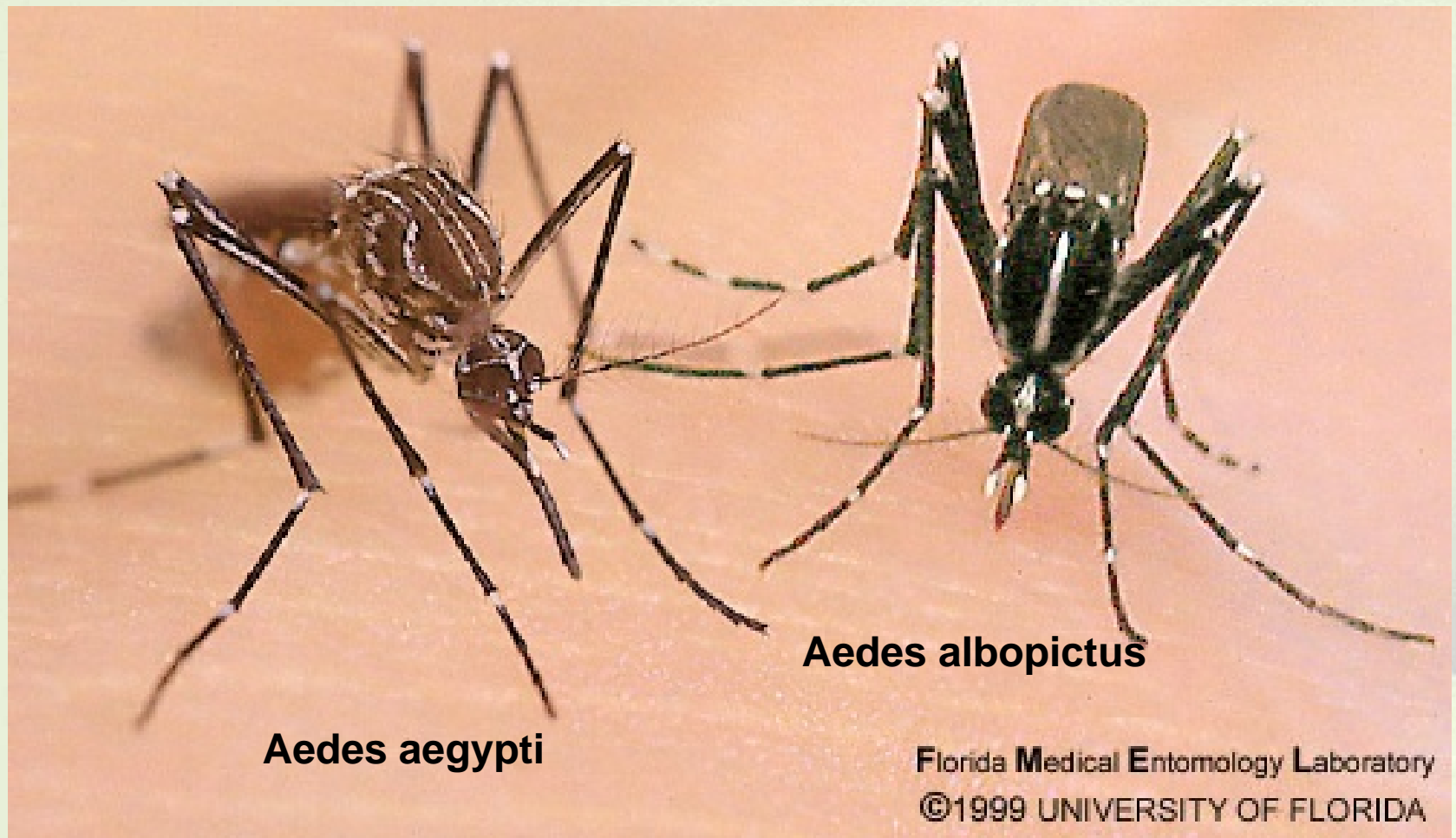
* Modified from
Mitchell (1991)(10)



Volcano plants





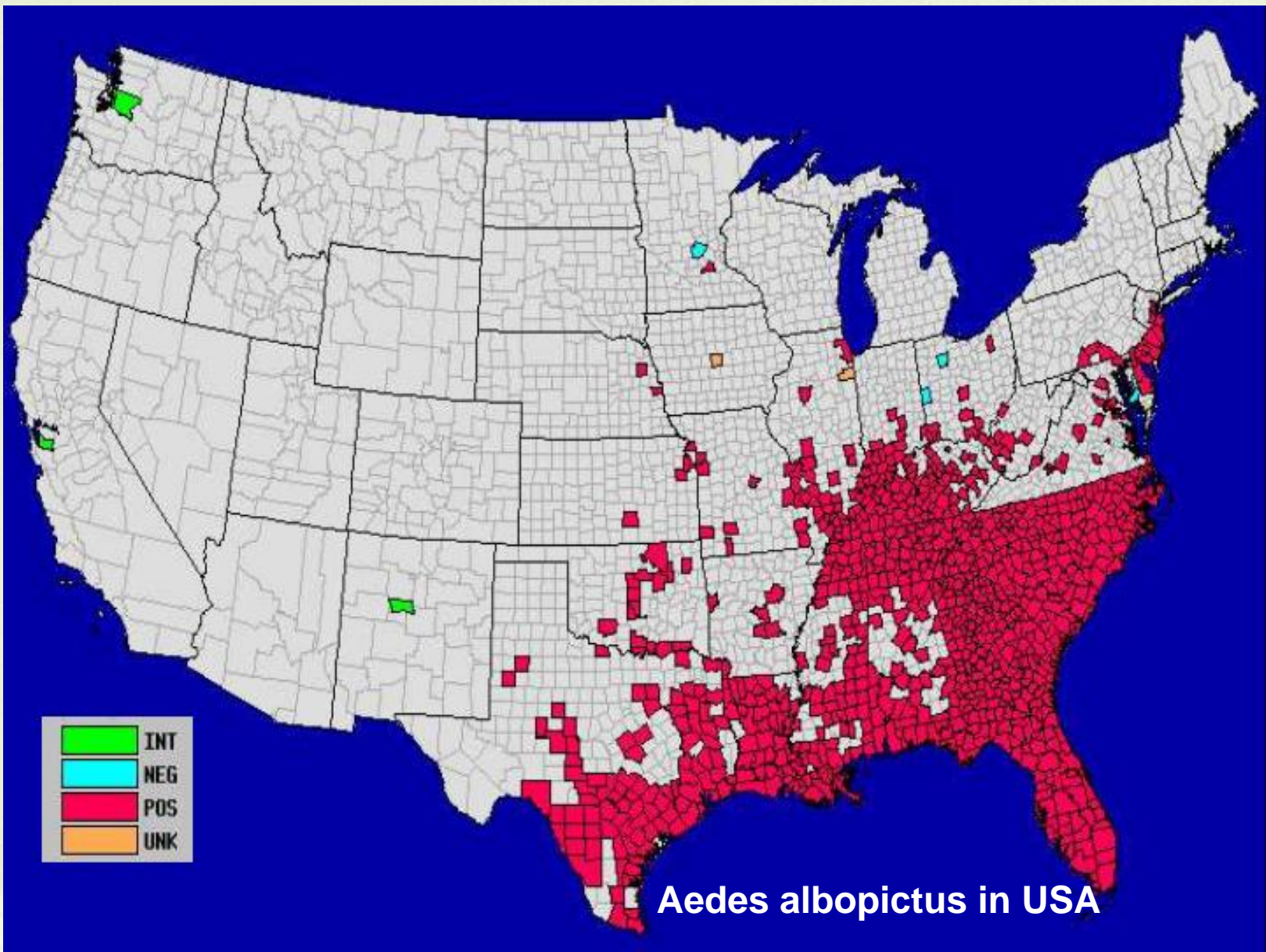


Aedes aegypti

Aedes albopictus

Florida Medical Entomology Laboratory
©1999 UNIVERSITY OF FLORIDA





Aedes albopictus in USA



Future Plans

Increased surveillance in the area.



Questions

